



QP CODE: 25019960

Reg No :

Name :

**B.Sc DEGREE (CBCS)) REGULAR/ IMPROVEMENT/ REAPPEARANCE / MERCY
CHANCE EXAMINATIONS, FEBRUARY 2025**

Fourth Semester

B.Sc Botany Model II Horticulture and Nursery Management

**Vocational Course - BO4VOT23 - POMOLOGY, FOOD TECHNOLOGY AND POST -
HARVEST MANAGEMENT OF HORTICULTURAL CROPS**

2017 Admission Onwards

5D3A7A0A

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. Explain the structure of a fruit.
2. Describe shortly about the characters of banana.
3. Write a short note on suitable climate for pineapple cultivation.
4. Name the family to which Sapota belongs.
5. What is a layout plan?
6. Write the name of two plant growth regulators used in the propagation of fruit plants.
7. Name one chemical which increase storage life.
8. Write one reason for the post harvest lose of fruits.
9. Mention any two materials used for packaging.
10. Write a short account on jelly.
11. What is meant by syrup?
12. Expand FSSA.

(10×1=10)



Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Write a short note on post harvest management of Mango.
14. Write an account on different pest and insects affecting Guava.
15. Explain how land is prepared for fruit cultivation.
16. Write a note on the external factors influencing fruit development.
17. Comment on the harvesting of fruits. What are the factors influencing the time of harvesting of fruits?
18. Give an account on the post harvest handling of fruits.
19. Comment on the physiological changes during fruit ripening.
20. Mention the principles of controlled atmosphere storage of fruits and vegetables.
21. What are the products monitored by APEDA?

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Explain the cultivation of Pappaya.
23. Explain the physiological changes during storage of fruits. Add a note on various factors influencing it.
24. Write an essay on the principles of preservation of fruits.
25. Explain how to establish a home scale processing plant.

(2×10=20)

